

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1092	703/6,7.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:11
L3	2525	345/419.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:11
L4	947	345/420.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:11
L5	1264	345/473.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:11
L6	408	345/474.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:11
L7	758	345/426.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:11
L8	1281	345/589.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:12

## EAST Search History

L9	273	345/593.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:12
L10	363	345/424.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:12
L11	201	345/630.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:12
L12	68	345/653.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:12
L13	21	345/664.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:12
L14	36	345/679.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:13
L15	29	345/952.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:13

## EAST Search History

L16	25	345/958.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:13
L17	668	463/31.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:28
L18	0	"0945837".pn.	EPO	OR	ON	2006/08/22 13:28
L19	1	"945837".pn.	EPO	OR	ON	2006/08/22 13:29
L20	471	463/30.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:48
L21	214	463/32.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:59
L22	128	463/33.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 14:03
L23	84	463/34.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 14:10

## EAST Search History

S1	49	("5513311" "6292830" "6309879" "6342593" "6362009" "6388063" "5355043" "5487670" "5596701" "5731815" "5925529" "6269378" "6326962" "5404506" "5555408" "6287765" "6320988" "4537050" "4767987" "5297152" "6291652" "6300482" "6310181" "6361984" "4931935" "5457189" "5646840" "5652896" "5665580" "5675815" "5845143" "6212649" "6212649" "5610281" "5854081" "5993778" "6130068" "6174689" "4985352" "5260199" "5268364" "5411861" "5434131" "5503977" "5516652" "5547855" "5573944" "5585245" "5605814" "5639616").pn.	USPAT	OR	ON	2006/08/22 08:54
S2	23857	collision with detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:58
S3	614	S2 and ("463"/\$.ccls. or "345"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 10:59
S4	667	S2 and ("463"/\$.ccls. or "345"/\$.ccls. or "434"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 13:38
S5	22	change with color with object with approach	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 13:53
S6	338	nishiumi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 13:53

## EAST Search History

S7	66	S6 and ("463"/\$.ccls. or "273"/\$.ccls. or "345"/\$.ccls. or "434"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 14:16
S8	3706	(indicat\$3 or show\$3) with distance with color	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 14:17
S9	378	S8 and ("434"/\$.ccls. or "463"/\$.ccls. or "273"/\$.ccls. or "345"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 17:32
S10	87	((collid\$3 or collision or impact\$3) with (sens\$3 or detect\$3)) same (chang\$3 with hue or color or colour) same (distance or length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 17:57
S11	326	((deform\$3 or deformat\$3 or dent\$3) with (magnitude or degree or amount or quantity or depth or severity) with (distance or length)) same (collid\$3 or collision or impact\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 18:48
S12	3	S11 and ("273"/\$.ccls. or "463"/\$.ccls. or "434"/\$.ccls. or "345"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 18:07
S13	1128	463/36,37,38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 18:57
S14	320	S13 and (haptic or tactile or vibrat\$3 or (force adj feedback))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:11

## EAST Search History

S15	2492	(348/211.7.ccls. or 700/83,84,85. ccls. or 345/156-184.ccls.) and (haptic or tactile or vibrat\$3 or (force adj feedback))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 18:59
S16	487	immersion.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:11
S17	177	S16 and ("273"/\$.ccls. or "434"/\$.ccls. or "463"/\$.ccls. or "345"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:13
S18	167	S16 and (collision or collid\$3 or impact\$3 or crash\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 19:59
S19	6	((collid\$3 or collision or impact) same plastic same elastic) and ((magnitude or severity or amount or depth or severity) same dent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 20:03
S20	2188	(calculat\$3 or comput\$3 or determin\$3) same (force or acceleration or deceleration or speed or velocity or rate or momentum or inertia) same dent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 20:10
S21	59	S20 and ("434"/\$.ccls. or "345"/\$.ccls. or "345"/\$.ccls. or "463"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 20:05
S22	1	S20 and (collision adj detect\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 20:09

## EAST Search History

S23	27429	(calculat\$3 or comput\$3 or determin\$3) same (force or acceleration or deceleration or speed or velocity or rate or momentum or inertia) same (deform\$3 or deformat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 20:11
S24	5929	(calculat\$3 or comput\$3 or determin\$3) with (force or acceleration or deceleration or speed or velocity or rate or momentum or inertia) with (deform\$3 or deformat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 20:12
S25	107	S24 and ("345"/\$.ccls. or "434"/\$.ccls. or "345"/\$.ccls. or "463"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 20:12
S26	21	(color or hue or colour) with (chang\$3 or shift\$3) with (approach\$3 or "near" or close or proxim\$3) with (collid\$3 or collision or crash\$3 or impact\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 12:09
S27	238	(color or hue or colour) with (chang\$3 or shift\$3) with (approach\$3 or "near" or close or proxim\$3) with (object or thing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 13:27
S28	991	(color or colour or hue) with function with distance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 16:17
S34	2457	(amplitude or magnitude or amount) with (vibration or vibrating or shak\$3) with distance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 21:47
S35	122	S34 with function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 21:59

## EAST Search History

S36	294	(show\$3 or display\$3) with (force or strain or stress or tension or compression) with (color or intensity or brightness or contrast or hue) with function	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/18 22:01
S37	2	("5731819" "5982352").pn.	USPAT	OR	ON	2006/08/21 07:10
S38	2	"video game"	FPRS	OR	ON	2006/08/21 07:11
S39	2	"20020021283".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 07:42

## EAST Search History

S40	119	(US-20010012802-\$ or US-20040054667-\$ or US-20040085356-\$ or US-20020149599-\$ or US-20020177481-\$ or US-20020080141-\$ or US-20040166933-\$ or US-20060029271-\$ or US-20020063720-\$ or US-20050174347-\$ or US-20040176908-\$ or US-20010041619-\$ or US-20010016518-\$ or US-20010016517-\$ or US-20020149603-\$ or US-20030193496-\$ or US-20030156124-\$ or US-20040166934-\$ or US-20020097223-\$ or US-20020054021-\$ or US-20020095224-\$ or US-20020033841-\$ or US-20050219113-\$ or US-20060142657-\$ or US-20060122956-\$ or US-20060087176-\$).did. or (US-20060074559-\$ or US-20060070795-\$ or US-20040160341-\$ or US-20030012411-\$ or US-20010027272-\$ or US-20020021283-\$).did. or (US-6894686-\$ or US-5616031-\$ or US-6947867-\$ or US-6891540-\$ or US-6320988-\$ or US-5767796-\$ or US-6198395-\$ or US-6069634-\$ or US-4580134-\$ or US-5812138-\$ or US-6200253-\$ or US-5405152-\$ or US-5261041-\$ or US-4812828-\$ or US-4829291-\$ or US-5973689-\$ or US-7035433-\$ or US-6421048-\$ or US-6078308-\$ or US-4930074-\$ or US-4894774-\$ or US-6191796-\$ or US-5897437-\$ or US-5448233-\$ or US-6119068-\$ or US-5973704-\$). did. or (US-5882206-\$ or US-6317059-\$ or US-6679776-\$ or US-4864289-\$ or US-5366376-\$ or US-4423870-\$ or US-6373508-\$ or US-4905147-\$ or US-5515489-\$ or US-4471465-\$ or US-6067096-\$ or US-5023602-\$ or US-6676520-\$ or US-5103499-\$ or US-7070507-\$ or US-5929864-\$ or US-6049341-\$ or US-4967392-\$ or US-5618179-\$ or US-6023261-\$ or US-5598516-\$ or US-5777628-\$ or US-7046242-\$ or US-6222550-\$ or US-5754180-\$ or US-4796476-\$ or US-6195675-\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/21 07:44
8/22/2006 2:13:31 PM		US-5777628-\$ or US-7046242-\$ or US-6222550-\$ or US-5754180-\$ or US-4796476-\$ or US-6195675-\$				Page 9

## EAST Search History

S41	6	S40 and plastic and elastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/21 07:45
S42	1	"6766207".pn.	USPAT	OR	ON	2006/08/22 08:56
S43	22	nakata-katsuhiko.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 08:57
S44	3	sato-yukari.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 09:01
S45	27260	fujitsu.as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 09:02
S46	2659	S45 and (CAD or "computer-aided design" or "computer aided design" or simulat\$3 or "computer-assisted design" or "computer assisted design" or game or gaming or "computer-aided engineering" or "computer aided engineering" or "computer-assisted engineering" or "computer assisted engineering" or CAE)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 09:05
S47	3045	S45 and (CAD or "computer-aided design" or "computer aided design" or simulat\$3 or "computer-assisted design" or "computer assisted design" or game or gaming or "computer-aided engineering" or "computer aided engineering" or "computer-assisted engineering" or "computer assisted engineering" or CAE or VR or "virtual reality")	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/22 10:09
S53	5	715/970.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 11:18
S54	100	715/757.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 11:21

## EAST Search History

S55	176	715/964.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 11:27
S56	168	715/970.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 11:29
S57	112	715/701.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/22 13:05